





AAM Supply Chain Working Group: U.S. Department of Commerce Perspective on the Aerospace Supply Chain



Agenda



NOVEMBER 12, 2020		
TIME (ET)	TOPIC	SPEAKER
11:30AM – 11:40AM	Welcome	Parimal Kopardekar
		Dana Jensen
11:40AM – 12:00PM	U.S. Department of Commerce Perspective	Nazak Nikakhtar, U.S.
	on the Aerospace Supply Chain	Department of Commerce
12:00PM – 12:50PM	Discussion with the Audience, including:	Parimal Kopardekar
	 Active Participates: MS Teams chat and 	Dana Jensen
	open microphone	Nazak Nikakhtar, U.S.
	Listen Only Participants: Conferences.io	Department of Commerce
12:50PM – 1:00PM	Closing Remarks	Parimal Kopardekar



Platforms and Discussion



Active Participants

- Platform: MS Teams
- Discussion: MS Teams microphone and chat functions
 - Leave your cameras/webcams off to preserve WiFi bandwidth
 - Use your mute/unmute button (e.g. remain on mute unless you are speaking)
 - Enter comments/questions in the chat
 - Click the "Raise your hand" button if you wish to speak
 - Say your name and affiliation before you begin speaking

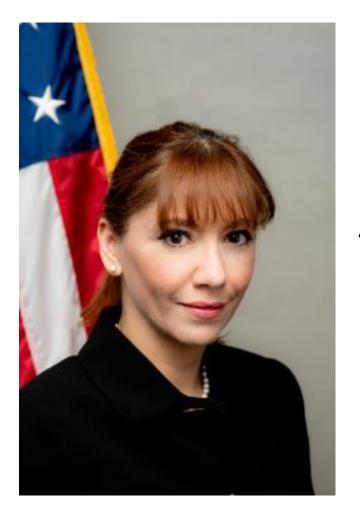
Listen Only Participants

- Platform: YouTube Live Stream (go to https://nari.arc.nasa.gov/aamsupplychain for the link!)
- Discussion: Conferences.io
 - Enter https://arc.cnf.io/sessions/weys/#!/dashboard into your browser
 - Questions will be addressed if times permits or at the facilitator's discretion



Meet Nazak Nikakhtar





Nazak Nikakhtar

Assistant Secretary for Industry and Analysis International Trade Administration U.S. Department of Commerce











Industrial Base: Supply Chain "s-curves"

Access Access to suppliers for quick early design iterations



Resiliency
Consistency, continuity,

and conformance with multiple suppliers



Scalability
High production rate to



Early Stage

Smaller Quantities
Precertification

Mid-Stage

Small – Medium Quantities Post-production Certification

Mature Stage

Medium – Large Quantities
Sustainability



Total Cycle: Design, Operations, and Maintenance



- Standardization where possible, uniqueness where necessary
- Many examples of failed quest for uniqueness: Ford's quest for tires
- Standardization is possible for many parts:
 - Tires, electric plugs (charging stations), seat belts, seat materials, displays, etc.
 - Let's try to find where standardization will help all industry members will drive cost for in operations and maintenance/repair/overhaul
- Building supply chain early on will help reduce pressures for vertical integration for everything



Future Meetings



The AAM Supply Chain Working Group will hold their meeting on the second Thursday of every month from 11:30AM - 1:00PM ET (8:30AM - 10:00AM PT).

Dec 10, 2020: Topic: Electronic Supply Chain Platform

***Due to the holiday season, the December meeting may move to January 2021**

Jan 14, 2021: Topic: Modeling & Simulation Environment

Feedback: arc-cal-nari@mail.nasa.gov



AAM Supply Chain Working Group POCs



Coordinators:

- Anna Cavolowsky (<u>anna.e.cavolowsky@nasa.gov</u>)
- BreeAnn Stallsmith (breeann.m.stallsmith@nasa.gov)
- Technical Leads:
 - PK (<u>Parimal.H.Kopardekar@nasa.gov</u>)
 - Dana Jensen (<u>dana.e.jensen3.ctr@mail.mil</u>)

Comments, questions, suggestions for future topics, and other workgroup information:

- Email us at: <u>arc-cal-nari@mail.nasa.gov</u>; or
- Visit the website: https://nari.arc.nasa.gov/aamsupplychain